

Storm Data and Unusual Weather Phenomena - April 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
CLAYTON COUNTY --- 0.7 WNW ELKADER [42.85, -91.41], 0.7 NE GARBER [42.74, -91.26], 1.6 ENE GARBER [42.74, -91.24], 0.8 N ELKADER [42.86, -91.40]				
	04/24/08 22:00 CST		0.38M	Flood (due to Heavy Rain)
	04/27/08 21:00 CST		0	Source: Law Enforcement
Runoff from heavy rainfall caused significant rises on the Turkey River and caused moderate to major flooding. At Elkader, the Turkey River crested at 18.84 feet on April 25. Flood stage is 12 feet. Damage was estimated at \$100,000 including damage to the dike on the town's southwest side and erosion on the riverbank on the northwest side of the community. At Garber, the river crested at 27.98 feet on April 25, which was below the record setting crest of 32.8 feet on May 23, 2004. Flood stage at Garber is 17 feet.				
FAYETTE COUNTY --- 2.6 SE ORAN [42.67, -92.04], 4.9 SE ARLINGTON [42.69, -91.61], 2.9 NE WADENA [42.86, -91.61], 5.2 NNW WESTGATE [42.84, -92.04]				
	04/24/08 22:45 CST		0.12M	Flash Flood (due to Heavy Rain)
	04/25/08 02:00 CST		0	Source: Emergency Manager
Eleven roads were closed due to the effects of high water, including washouts and erosion. Even three days after the heavy rain had fallen, there were a few roads still closed. Damage estimates totaled \$120,000.				
CLAYTON COUNTY --- STRAWBERRY PT [42.68, -91.53], 5.1 SE GRAHAM [42.62, -91.05], 1.5 NNW CLAYTON [42.92, -91.16], 1.0 S HIGHLAND [42.89, -91.60]				
	04/25/08 00:05 CST		0.29M	Flash Flood (due to Heavy Rain)
	04/25/08 02:00 CST		0	Source: Emergency Manager
The emergency manager indicated a park was flooded near Elkader, along with some homes on the south side of Elkader. There were also numerous road closures across the county, with mudslides reported near Millville. Also near Millville, some freight train cars fell into the Turkey River due to a bridge collapse. St.Olaf had about \$35,000 in damages, mostly due to erosion. At least two bridges were washed out in the county.				
CLAYTON COUNTY --- 5.5 WSW STRAWBERRY PT [42.66, -91.64], 1.9 ESE GRAHAM [42.66, -91.09], 2.4 NNW GUTTENBERG ARPT [42.85, -91.11], 4.3 WNW VOLGA [42.82, -91.61]				
	04/25/08 02:00 CST		80K	Flood (due to Heavy Rain)
	04/25/08 19:30 CST		0	Source: Law Enforcement
FAYETTE COUNTY --- 4.1 W WESTGATE [42.78, -92.08], 1.5 NW FAIRBANK [42.65, -92.07], 8.5 SSE ARLINGTON [42.64, -91.60], 3.6 SE WADENA [42.79, -91.61]				
	04/25/08 02:00 CST		60K	Flood (due to Heavy Rain)
	04/25/08 22:00 CST		0	Source: Emergency Manager
No homes or businesses had major damage due to flood waters, although there were widespread reports of basement flooding in homes. Due to the excessive rainfall, the Turkey River at Eldorado rose 8 feet in 9 hours on the morning of April 25. The Turkey River crested at 18.07 feet at Eldorado, which was only 1.5 feet below the record level of 19.6 feet.				
CHICKASAW COUNTY --- FREDRICKSBURG [42.97, -92.20], 3.2 E LAWLER [43.07, -92.11], 2.7 NNE NEW HAMPTON [43.10, -92.30], 2.0 NE BASSETT [43.09, -92.51], 1.6 WNW BRADFORD [42.98, -92.53]				
	04/25/08 04:19 CST		50K	Flash Flood (due to Heavy Rain)
	04/25/08 07:00 CST		0	Source: Emergency Manager
Reports from the emergency manager indicated six county roads were washed out due to an estimated 5 to 6 inches of rain. One car was stuck in high water near the Chickasaw-Bremer County line.				
CHICKASAW COUNTY --- 3.2 NW HORN FLD ARPT [42.95, -92.62], 6.0 ESE FREDRICKSBURG [42.92, -92.10], 2.6 S LITTLE TURKEY [43.09, -92.10], 4.7 WNW BASSETT [43.11, -92.61]				
	04/25/08 07:00 CST		50K	Flood (due to Heavy Rain)
	04/25/08 14:00 CST		0	Source: Law Enforcement
CLAYTON COUNTY --- MC GREGOR [43.02, -91.18], 2.3 SE OSTERDOCK [42.75, -91.14], 1.0 NE TURKEY RIVER [42.74, -91.04], 1.8 ESE MC GREGOR [43.01, -91.15]				
	04/25/08 09:00 CST		50K	Flood (due to Heavy Rain)
	04/30/08 10:00 CST		0	Source: Newspaper

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Due to runoff from heavy rainfall, the Mississippi River at McGregor crested at 17.02 feet on April 27. Flood stage is 16 feet. Some basement flooding of homes was reported, as well as flooding of McGregor's Riverfront Park. The Mississippi River at Guttenberg crested at 16.21 feet on April 27 causing minor flooding. Flood stage at Guttenberg is 15 feet.				
Thunderstorms with heavy rain were triggered by an upper level disturbance moving across Iowa toward northern Illinois. Excessive rainfall amounts of 3 to 6 inches occurred during the late night of April 24 into the early morning of April 25, which caused flash flooding. Runoff from the heavy rainfall kept water levels high through the end of April on the Turkey River and Mississippi River.				
WISCONSIN, Southwest				
(WI-2017) TAYLOR				
	04/01/08 00:00 CST	0		Heavy Snow
	04/01/08 05:00 CST	0		
Low pressure advanced across the central Plains to the lower Great Lakes from March 31 through April 1. Snow fell during much of the day and night of March 31, as well as into the early morning hours of April 1. Total snow accumulations of 5 to 7 inches were common across Taylor County, including 5.5 inches at Medford.				
GRANT COUNTY --- 1.0 N CASSVILLE [42.73, -91.00]				
	04/25/08 13:52 CST	0		Thunderstorm Wind (EG 52 kt)
	04/25/08 13:52 CST	0		Source: Trained Spotter
GRANT COUNTY --- 7.0 WSW LANCASTER [42.81, -90.85], 2.0 WSW FIVE PTS [42.81, -90.84], 1.9 WSW FIVE PTS [42.81, -90.84], 2.2 W FIVE PTS [42.81, -90.84]				
	04/25/08 14:29 CST	0		Flood (due to Heavy Rain)
	04/25/08 16:20 CST	0		Source: Emergency Manager
An embankment failure occurred on Highway 35, just west of Highway 81. A substantial amount of debris was reported on the road, with several vehicles stuck in the debris.				
JUNEAU COUNTY --- MAUSTON [43.80, -90.08]				
	04/25/08 15:00 CST	0		Hail (0.75 in)
	04/25/08 15:00 CST	0		Source: Amateur Radio
JUNEAU COUNTY --- 5.0 N MAUSTON [43.87, -90.08]				
	04/25/08 15:02 CST	0		Hail (1.00 in)
	04/25/08 15:02 CST	0		Source: Amateur Radio
JUNEAU COUNTY --- MAUSTON [43.80, -90.08]				
	04/25/08 15:04 CST	0		Hail (1.25 in)
	04/25/08 15:04 CST	0		Source: Trained Spotter
ADAMS COUNTY --- DELLWOOD [43.97, -89.97]				
	04/25/08 15:11 CST	0		Hail (0.75 in)
	04/25/08 15:11 CST	0		Source: Amateur Radio
ADAMS COUNTY --- ARKDALE [44.03, -89.88]				
	04/25/08 15:20 CST	0		Hail (1.75 in)
	04/25/08 15:20 CST	0		Source: Fire Department/Rescue
JUNEAU COUNTY --- 1.0 N FINLEY [44.23, -90.13]				
	04/25/08 16:10 CST	0		Hail (1.00 in)
	04/25/08 16:10 CST	0		Source: Public

A cold front triggered scattered severe thunderstorms during the afternoon of April 25. Storm spotters and amateur radio operators reported hail up to the size of golfballs.

GRANT COUNTY --- BAGLEY [42.90, -91.12], 2.7 WNW CASSVILLE [42.73, -91.05], 0.4 E DICKEYVILLE [42.63, -90.59], 1.9 E PLATTEVILLE [42.73, -90.44], 2.2 S MONTFORT [42.94, -90.43], 1.6 E BRODTVILLE [42.95, -90.99]

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	04/25/08 00:30 CST		0.80M	Flash Flood (due to Heavy Rain)
	04/25/08 03:00 CST		0.75M	Source: Emergency Manager

More than 20 roads were reported closed due to flash flooding. In fact, several roads remained closed, even one week after the heavy rains. There was also damage to bridges and culverts. For example, Ellenboro Road Bridge was closed for nearly a week after the heavy rains due to damage from a large amount of debris hitting the bridge. In addition, numerous farm fields were either water logged or had significant soil erosion, which could delay spring planting significantly.

GRANT COUNTY --- GLENHAVEN [42.83, -91.07], 1.9 W LIVINGSTON [42.90, -90.47], 1.4 SW HAZEL GREEN [42.51, -90.45], 3.5 WSW FAIRPLAY [42.50, -90.63], 1.8 SSW CASSVILLE MUNI ARPT [42.69, -90.98]

04/25/08 03:00 CST	0.70M	Flood (due to Heavy Rain)
04/25/08 20:00 CST	0.60M	Source: Emergency Manager

Runoff from excessive rainfall caused significant flooding of several homes and businesses. In fact, there were approximately 70 homes which suffered damage to flood waters. Some of the locations which were hardest hit included Lancaster, Platteville, Ellenboro, Glenn Haven, Cassville and Potosi. Even a week after the heavy rains, some roads and bridges remained closed due to washouts and effects of debris hitting these structures. In addition, some farm fields remained unusable due to erosion or standing water. Grant County has been hit by major flooding in 2002, 2004, 2007 and 2008.

Thunderstorms with heavy rain were triggered by an upper level disturbance moving across Iowa toward northern Illinois. Excessive rainfall amounts of 3 to 6 inches occurred during the late night of April 24 into the early morning of April 25, which caused flash flooding. Law enforcement officials and the emergency manager reported mud slides and road closures. Hardest hit were areas south of Highway 18 and north of Highway 151, including Lancaster and Platteville. Damage to homes, roads, bridges and crop land was estimated at totaling over two million dollars.

JACKSON COUNTY --- 7.0 S PRAY [44.27, -90.50], 7.7 S PRAY [44.26, -90.49], 7.8 S PRAY [44.26, -90.48], 7.3 S PRAY [44.27, -90.48]

04/12/08 08:00 CST	50K	Flood (due to Dam / Levee Break)
04/12/08 12:00 CST	0	Source: Newspaper

High water associated with rain and melting snow caused an earthen levee to fail in the township of Knapp. Ensuing flooding caused a washout on McKenna Road, damage to a boat landing and significant damage to a cranberry bog.